

Government of India
Bhabha Atomic Research Centre
Technical Physics Division

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Ref: TPD/AR/602/306/01/2022/33386

Date: 04/03/2022


-----To whom so ever it may concern-----

Sub: Manufacturing, supply, installation of Laboratory Work Benches (with and without overhead storage units, shutters + drawers + leg space + electrical power points), one reagent cabinet, one enclosure unit for metallization system and material storage units **as per the specifications in the enclosed Annexure- 1**

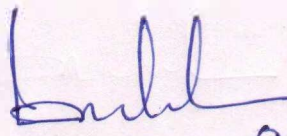
Dear Sir/Madam,

1. Quotations are invited for the minor fabrication job as per the enclosed specifications in Annexure 1.
2. Bidder shall quote for fabrication of these items with clearly mentioning process and raw materials to be used to manufacture them.
3. Taxes and excise duties shall be quoted separately. Form 'AF' shall be provided where necessary.
4. The quotations must reach the Head of the Division, TPD, by 03rd April 2022 and must be sent in a sealed envelope super-scribed with the above reference number and due date given above. The quotations should be sent by either normal post or speed post.
5. The address on the envelope should read: **The Head Of Division, TPD, Physics Group, Bhabha Atomic Research Centre, Trombay, Mumbai -400085. Attn: Arindam Ray**
6. The bidder shall have to take an insurance policy against any material issued to him by the purchaser.(not applicable)
7. The fabrication work shall be subject to inspection by our staff at bidder's works. Necessary inspection facilities should be provided to our staff during fabrication at bidder's premises. (if necessary)
8. The bidder shall deliver the finished items after approval by our engineer within **three months** from the date the firm work order is issued to the bidder. The finished items shall be delivered by the bidder at **3-126-H, SMS/TPD & 3-105-S, SMS/TPD, Mod Labs, BARC, Trombay, Mumbai - 85.**
9. The Head, TPD, Physics Group, B.A.R.C, reserves the right to accept /reject any or all quotations without assigning any reason.
10. **GST and PAN numbers** are compulsory. (along with Quotation)

Encl : Specifications as per Annexure-1.


Arindam Ray , SO/G
SMS, TPD, BARC,
Phone: 25592267

Approved by


04th March 2022

L. M. Pant

Head, TPD

डॉ. एल. एम. पंत / Dr. L. M. PANT

अध्यक्ष / Head

तकनीकी भौतिकी प्रभाग

Technical Physics Division

भा.प.अ. केंद्र / B.A.R.C.

a. CONFIDENTIALITY:

No party shall disclose any information to any third party concerning the matters under this contract generally. In particular, any information identified as "proprietary" in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party. This clause shall apply to the sub-contractors, consultants, advisers or the employees engaged by a party with equal force.

b. "Restricted information" categories under section 18 of the Atomic Energy act, 1962 and "Official Secrets" under section 5 of the Official secret act, 1923: Any contravention of the above-mentioned provision by any contractor, sub-contractor, consultant, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation.

c. Prohibition against use of BARC's name without permission for publicity purposes: The contractor, sub-contractor, consultant, adviser or the employees of a contractor shall not use BARC's name for any publicity purpose through any public media like Press, Radio, T.V. or Internet without the prior written approval of BARC.

GENERAL SPECIFICATIONS

1.0 Free issue material ---NIL---

1.1 The free issue supply materials issued by the purchaser to the fabricator shall be covered by insurance policy taken by the fabricator at his own cost for its full value.

1.2 The insurance policy shall voucher losses or damages to the purchaser's material due to fire, riot, strikes, theft, civil commotion etc. or any other causes.

1.3 The insurance policy shall be valid till the date of actual delivery of the components to the purchaser.

1.4 The purchaser shall be named as the beneficiary.

1.5 Fabricator shall return the balance material such as scraps, outpits, etc. after the fabrication to the purchaser.

1.6 Free issue material is ---NIL--- and shall be issued to fabricator / bidder at ---NIL---

2.0 Quality surveillance, inspection and inspection report

2.1 All work covered by this specification shall be subject to quality surveillance by the purchaser or his authorized representative for which purpose the fabricator shall allow access at all reasonable times during manufacture to

2.2 The premises in which the work is being carried out.

2.3 The drawings and / or tooling involved.

2.4 Gauges, instruments, etc. required inspecting the work.

2.5 The fabricator shall submit three copies of inspection reports to the purchaser the material test certificate for his approval.

2.6 Inspection and tests shall be carried out by the fabricator as per the requirements detailed in the drawings and these specifications.

2.7 Components found unsatisfactory as to workmanship or material shall be removed by fabricator and replaced by components which are satisfactory.

2.8 The fabricator shall use materials as specified by the purchaser and submit to the purchaser, the material test certificate for his approval.

2.9 The finished components shall be dispatched prior to approval by our engineer at bidder's works.

3.0 Delivery

3.1 The bidder shall deliver the finished components after approval by our engineer within 3 months from the date of the firm purchase order is issued to the bidder.

4.0 Sub-contract

4.1 The fabricator shall not sub-contract any or all the work without written consent from the purchaser. The fabricator shall be responsible to the purchaser for all the work of the sub-contractor is allowed by the purchaser.

5.0 Octroi, Sales tax, Excise exemption

5.1 5% GST exemption certificates will be issued (if permissible), wherever necessary.

5.2 Income Tax @ 2% , surcharge on IT as applicable and Education Cess @3% (on IT & SC) will be deducted from your bill

6.0 **Payment :** Full Payment will be made after satisfactory completion of the work and production of Bill and Advanced Stamped Receipt along with guarantee/warranty certificate

ANNEXURE – 1 (DETAILED SPECIFICATIONS)

Serial number of items	ITEM DESCRIPTION	QTY.
1.	WALL TYPE WORK BENCH WITH ATTACHED CUPBOARD AND ADJACENT SINK UNIT OF THE FOLLOWING DIMENSIONS. COMPLETE SET COMPRISING OF THE BELOW :	1No.
	Size: L = 3000mm D = 900 mm H = 750mm	
	Thick Black Granite worktop to be placed on atleast 4mm thick neoprene rubber sheet strip on the top of table frame work (18mm to 20mm)	
	Best Quality ISI Approved GI CRCA Frame work Qty : 4 Nos.	
	4 Drawer storage module Qty : 1 No. (500mm L x 600mm D x 750mm H)	
	1 Shutter storage module with full large depth Qty : 1 No. (500mm L x 900mm D x 750mm H)	
	Storage module with three shelves having two adjustable partitions with full large depth Qty 2 Nos. (500mm L x 900mm D x 750mm H)	
	Work bench attached Storage cabinet having material thickness of 1.2mm thick each having overall size : 750mm L x 300mm D x 750mm H. Qty. 4 Nos. Wall cupboard should have framed openable glass shutters with knuckle S.S. hinges. The complete assembles shall be manufactured from GI steel duly epoxy powder coated.	
	ISI Approved Best quality Electrical Outlet Box Qty: 6 Nos.	
	ISI Approved Best quality Electrical Points Qty : 6 Nos.	
	Wall type table mounted storage cupboards Qty : 4 Nos. Size 750mm L x 300mm D x 750mm H	
	Splash Guard partition Qty : 1No. size 600mmL x 600mm H	
	Polypropylene sink Qty. : 1 No. size 300mm L x 300mm D x 300mm H	
	3Way best quality Water Tap Qty: 1 No.	
2.	'L' TYPE WORK BENCH WITH OF FOLLOWING DIMENSIONS 2A) 2 NOS. WITHOUT WALL TYPE TABLE MOUNTED STORAGE 2B) 1 NO. WITH WALL TYPE TABLE MOUNTED STORAGE	3 Nos.
2A	WORKING TABLE TOP : L-shape Laminated Marine wooden work top (25mm thick) / White or Cream Ceramic work top (18mm to 20mm thick)	2 Nos.
	SIZE : L = 1800mm + 1800mm D = 750 mm H = 750 mm	
	Complete L shaped laminated marine wood 25mm thick shelf below the work top towards bottom of the table Qty. : 1 No.	

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ANNEXURE – 1 (DETAILED SPECIFICATIONS)

	Best Quality ISI Approved GI CRCA Frame work Qty – 4 Nos.	
	Removable Storage module with full large depth with castor wheels Qty. : 2 Nos.(600mm L x 750mm D and H 750mm with castor wheels)	
	ISI Approved Best quality Electrical Outlet Box Qty: 6 Nos.	
	ISI Approved Best quality Electrical Points Qty : 6 Nos.	
	Cable Manager Qty.: 2 Nos.	
2B	WORKING TABLE TOP : L-shape Laminated Marine wooden work top (25mm thick) / White or Cream Ceramic work top (18mm to 20mm thick)	1 No.
	SIZE : L = 1800mm + 1800mm D = 750 mm H = 750 mm	
	Complete L shaped laminated marine wood 25mm thick shelf below the work top towards bottom of the table Qty. : 1 No.	
	Best Quality ISI Approved GI CRCA Frame work Qty – 4 Nos.	
	Removable Storage module with full large depth with castor wheels Qty. : 2 Nos.(600mm L x 750mm D and H 750mm with castor wheels)	
	ISI Approved Best quality Electrical Outlet Box Qty: 6 Nos.	
	ISI Approved Best quality Electrical Points Qty : 6 Nos.	
	Cable Manager Qty.: 2 Nos.	
	Wall type Table Mounted Storage cupboards with glass doors Qty.: 1 No. (750mm L x 300 mm D x 750mm H)	
3.	CENTRE WORK BENCH OF THE FOLLOWING DIMENSIONS: COMPLETE SET COMPRISING OF BELOW 2 NOS. OF SEPARATE TABLES 3A) 1 NO. WITH REAGENT RACK AND 3B) 1 NO. WITHOUT REAGENT RACK	2 Nos.
3A	Size : L = 1500mm D = 900mm H = 750mm Having Reagent Rack size: L = 1500mm D = 300mm	1 No.
	Table Top: 18mm-20mm thick black color Granite work top to be placed on at least 4mm thick neoprene rubber sheet strip on the top of table frame work.	
	Best Quality ISI Approved GI CRCA Frame work Qty. 2 nos.	
	Storage module with three shelves having two adjustable partitions with full large depth Qty 2 Nos. (500mm L x 900mmD x 750mmH)	
	Leg space Qty.: 1 No. (500mm L x 900mm D x 750mm H)	

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ANNEXURE – 1 (DETAILED SPECIFICATIONS)

	ISI Approved Best quality Electrical Outlet Box Qty: 6 Nos.	
	ISI Approved Best quality Electrical Points Qty : 6 Nos.	
3B	Size : L = 1500mm D = 600mm H = 750mm	1 No.
	Table Top: 18mm-20mm thick black color Granite work top to be placed on at least 4mm thick neoprene rubber sheet strip on the top of table frame work.	
	Best Quality ISI Approved GI CRCA Frame work Qty. 2 nos.	
	Storage module with three shelves having two adjustable partitions with full large depth Qty. 2 Nos. (500mm L x 600mm D x 750mm H)	
	Leg space Qty.: 1 No. (500mm L x 600mm D x 750mm H)	
	ISI Approved Best quality Electrical Outlet Box Qty: 6 Nos.	
	ISI Approved Best quality Electrical Points Qty : 6 Nos.	
4.	MATERIAL STORAGE UNIT CUM WORK BENCH OF FOLLOWING DIMENSIONS AND COMPLETE SET COMPRISING OF BELOW:	1 No.
	Size: L = 460mm D = 750 mm H = 750 mm	
	Best Quality ISI Approved GI CRCA Frame work	
	WORKING TABLE TOP: Laminated wooden work top (25mm thick) / White or Cream Ceramic work top (18mm to 20mm thick) : 1No.	
	Heavy Duty Storage module with full large depth with revolving break type castors Qty. 1 No.	
	Storage module with three shelves having two adjustable partitions with full large depth Qty. 1 No. (460mm L x 750mm D x 750mm H)	
5.	HEAVY DUTY DETACHABLE AND DISMANTLING TYPE ENCLOSURE UNIT TO CARRY HEAVY LOADS WITH TWIN CASTORS FOR METALLIZATION SYSTEM WITH BLIND DOOR	1 No.
	Size: L = 1050mm D = 900mm H = 900mm without castor wheels	
	Cupboard shall have framed openable 4 Nos. of shutters with best quality hinges and top of the unit open type. Best Quality ISI Approved GI CRCA Metal	
	Best Quality ISI Approved GI CRCA Metal used for doors should be of best quality as per user's choice	
6.	WALL TYPE WORK BENCH WITH FULL LENGTH CHEMICAL STORAGE CABINET WITH GLASS SHUTTERS OF THE	1 No.

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ANNEXURE – 1 (DETAILED SPECIFICATIONS)

	FOLLOWING DIMENSIONS. COMPLETE SET COMPRISING OF BELOW:	
	Size : L = 3000mm D = 750mm H = 750 mm	
	Table Top: 18mm-20mm thick black color Granite work top to be placed on at least 4mm thick neoprene rubber sheet strip on the top of table frame work. – Qty. 1 No.	
	Best Quality ISI Approved GI CRCA Frame work Qty. 4 nos.	
	Storage module with three shelves having two adjustable partitions with full large depth Qty. 3 Nos. (500mm L x 750mm D x 750mmH)	
	4 Drawer storage module Qty.: 1 No. (500mm L x 600mm D x 750mm H)	
	Glass shutters wall storage cabinet above Reagent Rack Qty. 4 Nos. (750mm L x 260mm D x 305 mm H) each	
	Leg space Qty.: 2 No. (500mm L x 750mm D x 750mm H)	
	ISI Approved Best quality Electrical Outlet Box Qty: 6 Nos.	
	ISI Approved Best quality Electrical Points Qty : 6 Nos.	
7.	WORK BENCH OF THE FOLLOWING DIMENSIONS (COMPLETE SET COMPRISING OF BELOW):	1 No.
	Size : L = 3000mm D = 600mm H = 900 mm	
	Table Top: 18mm-20mm thick black color Granite work top to be placed on at least 4mm thick neoprene rubber sheet strip on the top of table frame work. – Qty. 1 No.	
	Best Quality ISI Approved GI CRCA Frame work Qty. 4 nos.	
	Storage module with three shelves having two adjustable partitions with full large depth Qty.3 Nos. (500mm L x 600mm D x 900mmH)	
	4 Drawer storage module Qty : 1 No. (500mm L x 600mm D x 900mm H)	
	Leg space Qty.: 2 Nos. (500mm L x 600mm D x 900mm H)	
	ISI Approved Best quality Electrical Outlet Box Qty: 6 Nos.	
	ISI Approved Best quality Electrical Points Qty : 6 Nos.	
8.	WORK BENCH OF THE FOLLOWING DIMENSIONS (COMPLETE SET COMPRISING OF BELOW):	
	Size : L = 2000mm D = 750mm H = 750mm	
	Table Top: 18mm-20mm thick black color Granite work top to be placed on at least 4mm thick neoprene rubber sheet strip on the top of table frame work. – Qty. 1 No.	
	Best Quality ISI Approved GI CRCA Frame work Qty. 4 nos.	

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ANNEXURE – 1 (DETAILED SPECIFICATIONS)

	Storage module with three shelves having two adjustable partitions with full large depth Qty.2 Nos. (650mm L x 750mm D x 750mm H)	
	Leg space Qty.: 1 No. (700mm L x 750mm D x 750mm H)	
	ISI Approved Best quality Electrical Outlet Box Qty: 5 Nos.	
	ISI Approved Best quality Electrical Points Qty : 5 Nos.	
9.	WALL TYPE STORAGE CABINET HAVING OVER ALL SIZE	5 Nos.
	Supplying and fixing of wall storage cupboards having material thickness of 1.2mm thick each having overall size : L = 750 mm D = 300 mm H = 750 mm Above the table which can be fixed on the height adjustable interior length of Single/Double Verticles. Wall cupboard should have framed openable glass shutters with 5 knuckle S.S. hinges. The complete assembles shall be manufactured from GI steel duly epoxy powder coated.	
10.	WALL TYPE STORAGE CABINET HAVING OVER ALL SIZE	1 No.
	Supplying and fixing of wall storage cupboards having material thickness of 1.2mm thick each having overall size : L = 900 mm D = 300 mm H = 750 mm Above the table which can be fixed on the height adjustable interior length of Single/Double Verticles. Wall cupboard should have framed openable glass shutters with knuckle S.S. hinges. The complete assembles shall be manufactured from GI steel duly epoxy powder coated.	

Few general and mandatory specifications:

1. Every material used should be of ISI Approved or as per purchaser requirement
2. All electrical wiring inside the work benches shall be of FRLS class to carry out modification in a facility. Preferred make of wire can be anyone of the following make: Finolex/RR Kabel/Polycab/Uniflex or equivalent.
3. All electrical switches, socket and power boards shall be of fire retardant material and the preferred make of switches, sockets and power boards can be anyone of the following make: Legrand(Arteor)/MK(Aspect)/Anchor(Vision)/Schneider(Zencelo). MCBs shall be anyone of Legrand/Siemens/L&T/Schneider.
4. All electrical wiring inside new work benches shall be done by qualified/certified electricians and electrical test report needs to be submitted to the indenter.

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ANNEXURE – 1 (DETAILED SPECIFICATIONS)

5. The supplier must be either the manufacturer or an authorized agent of the manufacturer.
6. Suppliers should specify the source of the raw materials to be purchased to manufacture the items.
7. All metallic surfaces/metals should be powder coated with the color selected by the purchaser. Supplier should follow and demonstrate the 8 tank chemical process or better, before Powder coating procedure on the sheets to be used for manufacturing the items. This will be verified during technical check.
8. Stage Inspection will be carried out during the manufacturing of the items to check the quality of the product during fabrication. Final inspection will be carried out before supplying the materials and payment will be released only after the supply and installations of all the items.
9. One year warranty must be given for smooth performance of the items and it includes one-year free maintenance after installation.
10. The Supplier's workers deputed to work inside BARC premises must have necessary Police Verification Certificate. It will be supplier's responsibility to obtain police verification Certificate of such workers well in time, so that committed delivery schedule is not affected.

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